



National Laboratory Animal Center, Mahidol University (NLAC-MU)

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Health Monitoring Report for Specific Pathogen Free; SPF Animals

“SPF animals from NLAC-MU colony have been maintained in **maximum barrier facilities**, required the superior status or above, by well trained personnel and laboratory animal caretakers, under supervision of the qualified veterinarian. In-house health monitoring is **quarterly** provided by the Quality Control which is the **short panel**. The **long panel** is **annually** performed by reliable, international warrantable diagnostic laboratory. The microbiological lists for the **short panel** and **long panel** are notified in **Specific pathogens list and category** (available on NLAC-MU website)”

This report is issued to on..... and is applied as health status indication of the following laboratory animals, supplied by the NLAC-MU barrier control facility.

RAT

The SPF animals described here are **SHR/Kyo** rat. These following specific pathogens are subjected in term of our **short panel** which are somewhat categorized by their microbiological risk. For more information of the long panel's serology results see **Short panel's**

Serological Report.

Pathogens	Test method	Group Sampling	Frequency	Previous Results*	Latest Results*
				Oct 16 - Sep 17	Oct 17 - Dec 17
VIRUSES					
Sendai virus (SEND)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/8	0/2
Sialodacryoadenitis virus (SDAV)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/8	0/2
BACTERIA					
<i>Mycoplasma pulmonis</i> (MPUL)	MFIA/ ELISA	Sentinel/Random	Annually	NA	NA
	ELISA	Sentinel/Random	Quarterly	0/8	0/2
	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Clostridium piliforme</i>	ELISA	Sentinel/Random	Quarterly	0/8	0/2
<i>Salmonella</i> spp.	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Bordetella bronchiseptica</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Corynebacterium kutscheri</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Pasteurella pneumotropica</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Streptococcus pneumoniae</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Pseudomonas aeruginosa</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
<i>Staphylococcus aureus</i>	Cultivation	Sentinel/Random	Quarterly	0/9	0/2



Pathogens	Test method	Group	Frequency	Previous Results*	Latest Results*
				Oct 16 - Sep 17	Oct 17 - Dec 17
Dermatophytes	Cultivation	Sentinel/Random	Quarterly	0/9	0/2
PARASITES					
<i>Giardia muris</i>	Microscopy	Sentinel/Random	Quarterly	0/9	0/2
<i>Spironucleus muris</i>	Microscopy	Sentinel/Random	Quarterly	0/9	0/2
<i>Syphacia spp.</i>	Microscopy	Sentinel/Random	Quarterly	0/9	0/2
Ectoparasites	Microscopy	Sentinel/Random	Quarterly	0/9	0/2

Ranking of the current status

Superior

Excellent

Good

Remarks:

Superior is no positive result in all categories, **excellent** is no positive result of pathogens in Category A, B, C and E, **good** is no positive result of pathogens in category A, B and E.

* The test results are represented in the **number of positive samples / number of tested samples**

** From long panel's list

*** Optional testing

NA= Not Available

ELISA=Enzyme-linked Immunosorbent Assay

IFA= Indirect fluorescent antibody

MFIA= Multiplexed Fluorometric ImmunoAssay

ND = Not done

- Latest In-house ELISA testing results were added by this report.

Signature: _____, DVM
Veterinarian

Signature: _____
NLAC-MU Director